

Amendments to the Claims

Please cancel claims 5, 7, 8, 18, 20, 21, 31, 33, and 34 without prejudice.

This listing of claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

1. (currently amended): A method ~~performed of selectively processing tasks in an~~ Financial Service Organization (FSO) computer system, wherein the FSO computer system comprises a plurality of FSO related data sets ~~including a first FSO related data set~~, and a plurality of computer executable FSO related processing tasks ~~including a first FSO related processing task~~, the method comprising:

~~storing a first smart trigger in a first memory of the FSO computer system; configuring a smart trigger table having a plurality of smart triggers, wherein the first each of the smart triggers comprises:~~

~~a first task identifier that identifies an the first FSO related processing task;
and a first data set identifier that identifies the first an FSO related data set; and
a scheduled date for processing the smart trigger;~~

~~storing the smart trigger table in a first memory of the computer system;~~

~~sequentially reading the first at least two of the smart triggers from the first memory; and,
for each of the smart triggers read from the first memory:~~

~~comparing the scheduled date for processing the smart trigger to the current date;~~

~~and~~

~~executing the first FSO related processing task of the smart trigger and to process
ing first the data contained in the first FSO related data set of the smart trigger in response
to reading the first smart trigger from the first memory if the scheduled date of the smart
trigger is equal to or before the current date, but not executing the FSO related processing
task to process the data contained in the FSO related data set of the smart trigger in~~

response to reading the smart trigger from the first memory if the scheduled date of the smart trigger is after the current date.

2. (currently amended): The method of claim 1, wherein storing the ~~first~~-smart trigger table in the first memory is performed by an application program executing in the FSO computer system.
3. (currently amended): The method of claim 1, wherein storing the ~~first~~-smart trigger table in the first memory is performed by a user of the FSO computer system.
4. (currently amended): The method of claim 1, further comprising processing at least one of the first-smart triggers to generate a first processed smart trigger.
5. (cancelled)
6. (currently amended): The method of claim 4, wherein processing at least one of the first smart triggers comprises deleting the ~~first~~-task identifier from the ~~first~~-smart trigger.
7. (cancelled)
8. (cancelled)
9. (currently amended): The method of claim 6, ~~wherein the first memory comprises a smart trigger table~~ wherein the smart trigger table comprises N rows each one of which comprises one smart trigger, the method further comprising:
 - a) setting a counter X to one;
 - b) incrementing X by one;
 - c) reading an Xth smart trigger from the smart trigger table;
 - d) comparing an Xth scheduled date of the Xth smart trigger to the current date;
 - e) executing an Xth processing task and processing Xth data contained in an Xth data set in response to the Xth scheduled date of the Xth smart trigger being on or

before the current date;

- f) not executing the Xth processing task in response to the Xth scheduled date of the Xth smart trigger being after the current date; and
- g) repeating b) through f) until X equals N.

10 (currently amended): The method of claim 1, wherein at least one of the first-smart triggers comprises one or more data fields, wherein data in the one or more data fields is passed to the ~~first~~-FSO related processing task of the smart trigger in response to reading the smart trigger.

11. (currently amended): The method of claim 1, wherein at least one of the first-FSO related data sets comprises a customer account record containing data relating to a customer of the FSO, wherein the ~~first~~-data identifier assigned to the ~~first~~-FSO related data set comprises a customer account number corresponding to the customer account record.

12. (currently amended): The method of claim 7, wherein the FSO computer system further comprises a smart trigger processing task for processing the ~~first-smart trigger table~~, wherein the smart trigger processing task is configurable to be executed periodically, wherein the scheduling of the period of execution is configurable by a user of the FSO computer system.

13. (currently amended): The method of claim 6, wherein the method further comprises deleting at least one of the first-processing task identifiers in response to executing the ~~first~~ processing task.

14. (currently amended): A carrier medium comprising program instructions, wherein the program instructions are executable by a computer system to implement:

~~storing a first-smart trigger in a first-memory of the FSO computer system; configuring a smart trigger table having a plurality of smart triggers wherein the first~~ each of the smart triggers comprising:

a first task identifier that identifies ~~the first~~ a Financial Service Organization (FSO) related processing task;

and a ~~first~~ data set identifier that identifies ~~at the first~~ FSO related data set; and
a scheduled date for processing the smart trigger;
storing the smart trigger table in a first memory of the computer system;
sequentially reading the first at least two of the smart triggers from the first memory; and
and,
for each of the smart triggers read from the first memory:
comparing the scheduled date for processing the smart trigger to the current date;
and
executing the first FSO related processing task of the smart trigger and to
processing first the data contained in the first FSO related data set of the smart trigger in
response to reading the first smart trigger from the first memory if the scheduled date of
the smart trigger is equal to or before the current date, but not executing the FSO related
processing task to process the data contained in the FSO related data set of the smart
trigger in response to reading the smart trigger from the first memory if the scheduled
date of the smart trigger is after the current date.

15. (currently amended): The carrier medium of claim 14, wherein storing the ~~first~~ smart trigger table in the first memory is performed by an application program executing in the FSO computer system.

16. (currently amended): The carrier medium of claim 14, wherein storing the ~~first~~ smart trigger table in the first memory is performed by a user of the FSO computer system.

17. (currently amended): The carrier medium of claim 14, wherein the program instructions are further executable by the computer system to implement: processing at least one of the first smart triggers to generate a first processed smart trigger.

18. (cancelled)

19. (currently amended): The carrier medium of claim 17, wherein the processing at least one of the first-smart triggers comprises deleting the first-task identifier from the first-smart trigger.

20. (cancelled)

21. (cancelled)

22. (currently amended): The carrier medium of claim 19, ~~wherein the first memory comprises a smart trigger table~~ wherein the smart trigger table comprises N rows each one of which comprises one smart trigger, and wherein the program instructions are further executable by the computer system to implement:

- a) setting a counter X to one;
- b) incrementing X by one;
- c) reading an Xth smart trigger from the smart trigger table;
- d) comparing an Xth scheduled date of the Xth smart trigger to the current date;
- e) executing an Xth processing task and processing Xth data contained in an Xth data set in response to the Xth scheduled date of the Xth smart trigger being on or before the current date;
- f) not executing the Xth processing task in response to the Xth scheduled date of the Xth smart trigger being after the current date; and
- g) repeating b) through f) until X equals N.

23. (currently amended): The carrier medium of claim 14, wherein at least one of the first smart triggers comprises one or more data fields, wherein data in the one or more data fields is passed to the ~~first~~ FSO related processing task of the smart trigger in response to reading the smart trigger.

24. (currently amended): The carrier medium of claim 14, wherein at least one of the first FSO related data sets comprises a customer account record containing data relating to a customer

of the FSO, wherein the ~~first~~ data identifier assigned to the ~~first~~ FSO related data set comprises a customer account number corresponding to the customer account record.

25. (currently amended): The carrier medium of claim 20, wherein the FSO computer system further comprises a smart trigger processing task for processing the ~~first~~ smart trigger table, wherein the smart trigger processing task is configurable to be executed periodically, wherein the scheduling of the period of execution is configurable by a user of the FSO computer system.

26. (currently amended): The carrier medium of claim 17, wherein the program instructions are further executable by the computer system to implement: deleting at least one of the first processing task identifiers in response to executing the ~~first~~ processing task.

27. (currently amended): A system comprising:

a computer program;

~~an~~ Financial Service Organization (FSO) computer system comprising a plurality of FSO related data sets ~~including a first FSO related data set~~, and comprising a plurality of computer executable FSO related processing tasks ~~including a first FSO related processing task~~;

wherein the computer program is executable on the computer system to execute:

~~storing a first smart trigger in a first memory of the FSO computer system,~~

configuring a smart trigger table having a plurality of smart triggers, wherein the first each of the smart triggers comprises:

a first task identifier that identifies ~~the first~~ an FSO related processing task; ~~and~~

a first data set identifier that identifies ~~the first~~ an FSO related data set; and

a scheduled date for processing the smart trigger;

storing the smart trigger table in a first memory of the computer system;

sequentially reading the first at least two of the smart triggers from the first

memory; and

executing the ~~first~~ FSO related processing task of the smart trigger and to

processing first the data contained in the first FSO related data set of the smart trigger in response to reading the first smart trigger from the first memory if the scheduled date of the smart trigger is equal to or before the current date, but not executing the FSO related

processing task to process the data contained in the FSO related data set of the smart trigger in response to reading the smart trigger from the first memory if the scheduled date of the smart trigger is after the current date.

28. (currently amended): The system of claim 27, wherein storing the ~~first~~-smart trigger table in the first memory is performed by an application program executing in the FSO computer system.

29. (currently amended): The system of claim 27, wherein storing the ~~first~~-smart trigger table in the first memory is performed by a user of the FSO computer system.

30. (currently amended): The system of claim 27, wherein the computer program is further executable on the FSO computer system to execute: processing at least one of the ~~first~~-smart triggers to generate a first processed smart trigger.

31. (cancelled)

32. (currently amended): The system of claim 30, wherein processing at least one of the ~~first~~ smart triggers comprises deleting the ~~first-task~~ identifier from the ~~first~~-smart trigger.

33. (cancelled)

34. (cancelled)

35. (currently amended): The system of claim 32, ~~wherein the first memory comprises a smart trigger table~~ wherein the smart trigger table comprises N rows each one of which comprises one smart trigger, and wherein the computer program is further executable on the FSO computer system to execute:

- a) setting a counter X to one;
- b) incrementing X by one;
- c) reading an Xth smart trigger from the smart trigger table;

- d) comparing an Xth scheduled date of the Xth smart trigger to the current date;
- e) executing an Xth processing task and processing Xth data contained in an Xth data set in response to the Xth scheduled date of the Xth smart trigger being on or before the current date;
- f) not executing the Xth processing task in response to the Xth scheduled date of the Xth smart trigger being after the current date; and
- g) repeating b) through f) until X equals N.

36. (currently amended): The system of claim 27, wherein at least one of the first-smart trigger comprises one or more data fields, wherein data in the one or more data fields is passed to the ~~first~~-FSO related processing task of the smart trigger in response to reading the smart trigger.

37. (currently amended): The system of claim 27, wherein at least one of the first-FSO related data sets comprises a customer account record containing data relating to a customer of the FSO, wherein the ~~first~~-data identifier assigned to the ~~first~~-FSO related data set comprises a customer account number corresponding to the customer account record.

38. (currently amended): The system of claim 33, wherein the FSO computer system further comprises a smart trigger processing task for processing the ~~first-smart trigger~~ table, wherein the smart trigger processing task is configurable to be executed periodically, wherein the scheduling of the period of execution is configurable by a user of the FSO computer system.

39. (currently amended): The method of claim 32, wherein the computer program is further executable on the computer system to execute: deleting at least one of the first-processing task identifiers in response to executing the ~~first~~-processing task.

40. (new): The method of claim 1, further comprising:

providing a first set of data identifiers, each of the data identifiers corresponding to a physical storage location of a data set record;

building a list of associated data identifiers for each of a plurality of specific FSO related processing tasks, each of the lists including a subset of the first set of data identifiers;

wherein, for each FSO related processing task, the smart trigger table executes the FSO related processing task on FSO related data set records that correspond to an associated data identifier on the list for the specific FSO related processing task, but does execute the FSO related processing task on FSO related data set records that do not correspond to a data identifier on the list for the FSO related processing task.

41. (new): The method of claim 1, wherein the smart trigger table comprises a list of pointers to an account data set, wherein the smart trigger table includes:

an activity number associated with each of the pointers, wherein the activity numbers identify further processing of the account data set; and

activity data associated with each of the activities numbers, wherein the activity data is processed on a user specified schedule date.

42. (new): The method of claim 41, wherein the activity number is used as a key to access an associated processing task number.

43. (new): The method of claim 42, wherein the associated processing task number is used to access an executable processing task name.